

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
JONATHAN A. TERTEL	)	Atty. Docket No. 107306
	)	
	)	
REACTOR AND PROCESS FOR	)	
MERCAPTAN OXIDATION AND	)	
SEPARATION IN THE SAME VESSEL	)	

**SUBMISSION OF INFORMATION IN ACCORDANCE WITH MPEP 609**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant(s) submit herewith documents which they believe may be material to the examination of this application and with respect to which they believe there may be a duty to disclose the existence and contents thereof. These documents are listed on the attached Information Disclosure Statement by Applicant.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission in any manner.

Copies of all listed documents are:

- ☒ attached hereto with the exception of U.S. patents and published patent applications pursuant to the July 11, 2003 notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" signed by Stephen G. Kunin, Deputy Commissioner for Patent Examination Policy.

- ☐ attached hereto unless provided during the prosecution of the parent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
- ☐ now allowed
- ☐ and issued as U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

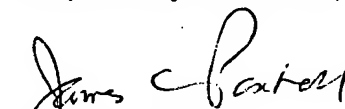
Related Applications:

- ☐ In addition to the documents cited in the specification, applicant wishes to point out copending U.S. application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.
- ☐ This copending application relates to \_\_\_\_\_
- ☐ The inventive entity is the same.

The owner of the above applications is the same.

Initialing of each document after its consideration by the Examiner is now respectfully requested in this matter.

Respectfully submitted,



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Dated: October 20, 2003

JCP/gm

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**
*(use as many sheets as necessary)*
**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Jonathan A. Tertel
Art Unit	
Examiner Name	
Attorney Docket Number	107306

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	PUBL. DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 2,853,432	09/58	Gleim et al.	196	032	12/28/54
	US 3,923,645	12/75	Anderson, Jr. et al.	208	206	09/07/73
	US 4,019,869	04/77	Morris	023	288R	11/10/75
	US 4,048,097	09/77	Douglas	252	431N	02/19/76
	US 4,049,572	09/77	Douglas	252	431N	02/24/76
	US 4,157,312	06/79	Frame	252	428	07/24/78
	US 4,481,106	11/84	Verachtert	208	206	12/05/83
	US 4,923,596	05/90	Bricker et al.	208	207	05/22/89
	US 5,961,819	10/99	Lee et al.	208	230	02/09/98

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Kirk-Othmer, ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY (3d ed. 1981) Vol. 15, 749-53.
		HANDBOOK OF PETROLEUM REFINING PROCESSES, 11.31-.33 (Robert A. Meyers 2d ed. 1996).
		HYDROCARBON PROCESSING, April 1982, p. 124.
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.